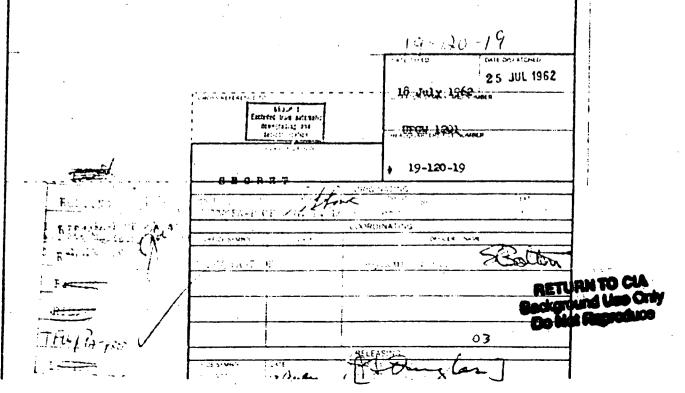
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ACTION: At your discretion

REF: UFGA-4211 2 June 1962

- 1. A. D. Ring & Associates, consulting radio engineers in Washington, D.C., have recently completed a study on the effectiveness of a special audio service to the Havana area. The study is attached herevith. Its conclusions are that:
- a. Operation with two low-power transmitters and 35-foot antennas would result in a limited audio service along the shore line and to the rising ground immediately inland. The signal would be very weak and subject to interference from television stations on the adjacent channel and could be jammed with minimum effort.
- b. A moderate increase in antenna height and a small increase in power would increase the service only a small amount and would not produce any significant improvement or render jamming particularly difficult.
- c. Transmission from a height of some 5000 feet, using only moderate power (100 watts to 1 kilowatt), would result in a significant improvement in service in all areas and produce a signal requiring considerable effort to jam.
- 2 As these conclusions suggest, transmissions from an airplane would be the most effective, while transmissions from the surface with antennas of up to 35 feet have limited effectiveness. Hevertheless, Reference and other debriefings of persons coming out of Cuba have given evidence of the apparent effectiveness of the AMSPRIL TV intrusions in the Havana area and indicate that they are worth continuing until some more effective medium is put into use.

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CONTINUATION OF DISPATCH

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3. We suggest that if you have not already included the ANSTEL Intrusions in your planning for 26 July, you may vish to consider having ANSTELL prepare and air a special program for that date. If technically feasible, it would be very effective to intrude during the day at the height of CASTRO's feativities, either on an unused channel or preferably on a channel being used at the time to broadcast the celebrations in Havana.

4. Please explore this subject with ANSPELL and, if feasible, have them sponsor a program suitable to the occasion and the medium.

END OF DISPATCE

Distribution: 3 - COS, JENAVE

Attachment (1) Manula envelope